

Pre Mission Checklist

- 1. Weather Checked
 - a. Wind less than 20 mph (13 mph training)
 - b. No falling snow, rain or fog
 - c. Temperature (wind chill) above 20 F
 - d. No lightning within 10 NM
 - e. Ceiling 500 ft
- 2. Mission Profile Created
 - a. B4UFLY App Checked
 - b. Training to accomplish Created
 - c. Crew qualifications/currency Checked
- 3. Crew Brief Completed
 - a. Mission Detail
 - b. Flight Parameters
 - c. Crewmember Responsibilities
 - d. Flight Location
 - e. Emergency Procedures
- 4. SASI / ASI approval Verified

Pre Flight Checklist

- 1. Equipment Inventory Checked
 - a. Propellers
 - b. Battery(s)
 - c. Micro-SD Card
 - d. Smart Phone/Tablet
 - i. DJI GO app
 - ii. App current version
 - iii. Volume maximum
 - iv. Brightness maximum
 - e. Gimbal Clamp
 - f. Remote Control
 - g. Battery Charger w/Power Cable
 - i. No swelling/cuts on battery
 - h. Micro-USB Cable
 - i. Operation Manual
- 2. Phantom Preparation
 - a. Visual inspection Checked
 - b. Vibration Absorber Checked
 - c. Receiver Antenna Checked
 - d. Motors Free and correct
 - e. Landing Gear Checked
- 3. Remote Control
 - a. Antenna Checked
 - b. Flight Mode Switch P
 - c. Power Level Checked

Before Takeoff Checklist

1. Micro-SD Card Installed
NOTE: Do not insert or remove the Micro-SD Card when the flight battery is powered on
2. Propellers Installed
 - a. Black spinner on black hub
 - b. Silver spinner on silver hub
3. Gimbal Clamp Removed
4. NOTE: To avoid damage to the gimbal, remove Gimbal Clamp before powering up the Phantom
5. Antenna Position Check
6. Radio Controller Power On
7. Smart Phone/Pad Power On
 - a. DJI GO version Checked
 - b. RTH altitude Confirmed
 - c. Camera settings Checked
8. Phantom Battery Installed
9. Power Level Checked
10. Phantom Power On
11. DJI App Camera Page
12. Compass Calibrated
 - a. press "Start Calibration" Button on App
13. Aircraft Status Lights Green
14. Home Point Established Confirmed

Motor Start Checklist

1. Flight Area Clear
2. GPS Status Safe to Fly
3. Takeoff Mode (Auto/Manual) Announced
4. Flight Timer (Observer) Start

Takeoff Checklist

1. Motors Start
2. Liftoff Complete
NOTE: Ensure the Phantom clears the ground by 3 to 6 feet immediately after liftoff. Do not hesitate at liftoff as this may cause the Phantom to become unstable and allow the propellers to contact the ground.

After Takeoff Checklist

1. Flight Controls Checked
 - a. Right Stick Operation Checked
 - b. Left Stick Operation Checked
2. Aircraft Indicator Lights Checked
 - a. Front Position Lights- Solid Red
 - b. Rear Status Lights- Green or Yellow

Before Landing Checklist

- | | |
|---------------------|------------|
| 1. Landing Location | Identified |
| 2. Camera Position | Horizontal |
| 3. Spectators | Cleared |

After Landing Checklist

- | | |
|-------------------|-------------|
| 1. Motors | Off |
| 2. Control Sticks | Positioned |
| a. Right Stick | Neutral |
| b. Left Stick | Down & Hold |
| 3. Flight Time | Recorded |

Post Flight Checklist

- | | |
|-----------------------|----------------|
| 1. Phantom Battery | Off |
| 2. Controller | Off |
| 3. iPad | Off |
| 4. Propellers | Removed |
| 5. Battery | Removed |
| 6. Gimbal Lock | Installed |
| 7. Controller Antenna | Retracted |
| 8. Neck Cord | Removed/Stowed |
| 9. Controller | Stowed |
| 10. Inventory | Checked |

Post Mission Checklist

- | | |
|----------------------|----------|
| 1. Debrief | Complete |
| a. Flight Parameters | |
| b. Crew Performance | |
| 2. Equipment | Secured |